



Docket No. 4208-4153

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Juha SALOKANNEL et al.

Serial No. : 10/660,549

Group Art Unit: 2661

Filed : September 12, 2003

Examiner: Unassigned

For : METHOD AND SYSTEM FOR REPEAT REQUEST IN HYBRID ULTRA  
WIDEBAND-BLUETOOTH RADIO

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Non-Fees  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were filed in related application U.S. Serial No \_\_\_\_\_, filed \_\_\_\_\_, respectively. A Related Case Submission is transmitted herewith pursuant to 37 CFR §1.98(a)2(iii).

- ☐ This document is being filed within three (3) months of the filing date of the application
- ☐ A check for the requisite fee of \$180 is enclosed.
- ☐ This document is being concurrently filed with the above-identified application
- ☐ This document is being concurrently filed with an Request for Continued Examination (RCE)
- ☒ This document is being filed prior to a first Office Action
- ☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.

- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4503, Order No. 4208-4153.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: 4/29/04

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION</b>	Attorney Docket: 4208-4153	Serial No.: 10/660,549	
	Applicant(s): J. Salokannel et al.	Examiner: to be assigned	
	Filing Date: 9/12/2003	Group Art Unit: 2661	

## U.S. PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date
	AA	5,677,927	10/14/1997	Fullerton et al.	375	200	09/20/1994
	AB	5,687,169	11/11/1997	Fullerton	370	324	04/27/1995
	AC	6,549,567 B1	04/15/2003	Fullerton	375	219	12/09/1999
	AD	6,571,089 B1	05/27/2003	Richards et al.	455	266	06/02/2000
	AE	6,587,949 B1	07/01/2003	Steinberg	713	193	06/17/1999
	AF	2003/0063196 A1	04/03/2003	Palatov et al.	348	211.2	05/08/2000
	AG	2002/0073269 A1	06/13/2002	Kawashima et al.	711	100	12/12/2001
	AH	2001/0049262 A1	12/06/2001	Lehtonen	455	41	05/23/2001

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Patent Number	Publication Date	Country	Class	Sub-Class	Translation
	AI						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AJ						<input type="checkbox"/> Yes <input type="checkbox"/> No
	AK						<input type="checkbox"/> Yes <input type="checkbox"/> No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)

	AL	The Bluetooth Special Interest Group, Specification of The Bluetooth System, Vol. 1 & Vol. 2, Core and Profiles: Version 1.1, February 22, 2001.
	AM	O'Donnell et al., "An Integrated, Low Power, Ultra-Wideband Transceiver Architecture for Low-Rate, Indoor Wireless Systems", Dept. of Electrical Engineering & Computer Science, University of California, Berkeley, Berkeley, CA, 8 pgs.
	AN	P. I. I. Withington, et al., "An Impulse Radio Communication System", "Proceedings of the International Conference on Ultra-Wideband, Short Pulse Electromagnetics", (ISBN 0-306-44530-1), October 19, 1992, pgs. 113-200.
	AO	J. Bray and C. Serman, "Bluetooth 1.1-Connect Without Cables", Prentice Hall Inc., Upper Saddle River, NJ 1002 (ISBN 0-13-066106-6), Sects. 5.4., pgs. 70-78
	AP	D. J. Costello, Jr., et al., "Applications of Error-Control Coding", IEEE Transactions of Information Theory, October 1998, Vol. 44, pgs.2531-2560

Examiner	Date Considered
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

# RELATED CASE SUBMISSION

Attorney Docket:  
4208-4153

Serial No.:  
10/660,549

Applicant:  
J. SALOKANNEL et al.

Examiner:  
to be assigned

Filing Date:  
09/12/2003

Group Art Unit:  
2661

## RELATED PENDING APPLICATIONS

Examiner Initial		Serial No.	Filing Date	Inventor(s)	Patent No. (if applicable)	Issue Date (if applicable)
	1	10/660,634	9/12/03	M. Oksanen et al.		
	2	10/660,545	9/12/03	A. Palin et al.		
	3	10/660,544	9/12/03	A. Palin et al.		
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Examiner			Date Considered			